



DEPARTMENT OF THE ARMY
ALASKA DISTRICT, U.S. ARMY CORPS OF ENGINEERS
REGULATORY DIVISION
P.O. BOX 22270
JUNEAU, AK 99802-2270

March 16, 2022

Regulatory Division
POA-1990-00592-M9

Mr. Kevin Eppers
Coeur Alaska Inc.
3031 Clinton Drive, Suite 202
Juneau, Alaska 99801

Dear Mr. Eppers:

Enclosed is an unsigned copy of Department of the Army (DA) permit POA-1990-00592-M9, Berner's Bay/Lynn Canal, which would authorize the discharge of fill material into waters of the United States, including wetlands, for the implementation of the Kensington Mine Plan of Operations Amendment 1. The project site is located within Section 5, 10, 14, 15, 22, 23, 26, and 27, T. 35 S., R. 62 E., Copper River Meridian; USGS Quad Map Juneau D-4; Latitude 58.832934° N., Longitude 135.042555° W.; at the Kensington Mine; approximately 45 miles north-northwest of Juneau, Alaska.

The Alaska Department of Environmental Conservation has issued a Certificate of Reasonable Assurance pursuant to Section 401 of the Clean Water Act for your project and found it to be in accordance with the Alaska Water Quality Standards. This certification is attached to the DA permit and will become a part of this permit when it is finalized.

Additionally, the U.S. Army Corps of Engineers (USACE) has enclosed a Notification of Administrative Appeal Options and Process and Request for Appeal form regarding this DA Permit (see section labeled "Initial Proffered Permit").

If you accept the conditions of the enclosed permit, please sign and date the permit and return it to the USACE, along with your \$100.00 permit fee. Your check or money order should be made payable to **FAO, USACE, Alaska District**, and mailed to the following address: **44669 Sterling Highway, Suite B, Soldotna, AK 99669**. The permit will not be valid until the USACE has returned a finalized copy to you. This is not an authorization to commence construction. No work is to be performed in waters of the United States, including wetlands, until you have received a validated copy of the permit.

Nothing in this letter shall be construed as excusing you from compliance with other Federal, State, or local statutes, ordinances, or regulations which may affect this work.

Please contact me via email at Randal.P.Vigil@usace.army.mil, by mail at the address above, or by phone at (907) 201-5022, if you have questions or to request a paper copy of this letter and enclosures.

Sincerely,

A handwritten signature in black ink, appearing to read "Randal P. Vigil". The signature is fluid and cursive, with a large initial "R" and "V".

Randal P. Vigil
Regulatory Project Manager

Enclosures

DEPARTMENT OF THE ARMY PERMIT

Permittee: Coeur Alaska Inc. (Kevin Eppers)

Permit No.: POA-1990-00592-M9 (Berner's Bay/Lynn Canal)

Issuing Office: U.S. Army Engineer District, Alaska

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description: In waters of the United States, discharge 5,191,046 cubic yards of fill material into 1.7 acres of non-wetland waters, and discharge 604,259 cubic yards of fill material into 31.1 acres of wetlands to construct the following Kensington Mine Plan of Operations Amendment 1 components: 1. Stage 4 Dam raise and Tailings Treatment Facility (TTF) Expansion, 2. Kensington waste rock stockpile (WRS) Expansion, 3. Pit #4 Expansion, 4. Comet WRS Expansion, 5. Comet Portal Topsoil Stockpile, 6. Pipeline Road WRS, and 7. Fish Habitat Enhancement.

Volume (cubic yards) of fill by type proposed under POA 1.

Fill Type	Volume (cubic yards)		
	Waters	Wetlands	Total
Structural Rock Fill	3,000	4,000	7,000
Common Fill	781	20,059	20,840
Tailings	5,113,000	3,000	5,116,000
Growth Media	--	15,000	15,000
Waste Rock	74,265	562,200	636,465
Totals	5,191,046	604,259	5,795,305

All work will be performed in accordance with the attached plan, (sheets 1-16), dated October 12, 2020.

All applicable conditions under which Department of the Army permit number POA-1990-00592-M, Berner's Bay/Lynn Canal, was issued remain in full force and effect.

Project Location: Section 5, 10, 14, 15, 22, 23, 26, and 27, T. 35 S., R. 62 E., Copper River Meridian; USGS Quad Map Juneau D-4; Latitude 58.832934° N., Longitude 135.042555° W.; at the Kensington Mine; approximately 45 miles north-northwest of Juneau, Alaska.

Permit Conditions:

General Conditions:

1. The time limit for completing the work authorized ends on **March 31, 2032**.

If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.

2. You must maintain the activity authorized by this permit in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions:

1. Prior to commencing the work authorized by this permit, the Permittee shall purchase 10.4 Palustrine water/wetland credits from a mitigation bank or in-lieu-fee program with an operating area that encompasses the Kensington Mine POA 1 project location for the long-term loss of aquatic functions. You must email the signed credit transaction form to mitigationmanager@usace.army.mil and to Randal.P.Vigil@usace.army.mil upon completion of credit transaction (see form attached). If you are unable to complete this transaction, you are required to obtain a permit modification prior to commencing the work authorized by this permit for approval of an alternate mitigation method.
2. Within 60 days of completion of the work authorized by this permit, the Permittee shall complete the attached "Self-Certification Statement of Compliance" form and submit it to the Corps at U.S. Army Corps of Engineers, Regulatory Division, Juneau Field Office, PO Box 22270, Juneau AK 99802. In the event that the completed work deviates in any manner from the authorized work, the Permittee shall describe the deviations between the work authorized by this permit and the work as constructed on the "Self-Certification Statement of Compliance" form. The description of any deviations on the "Self-Certification Statement of Compliance" form does not constitute approval of any deviations by the Corps.

Further Information:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:
 - () Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).
 - (X) Section 404 of the Clean Water Act (33 U.S.C. 1344).
 - () Section 103 of the Marine Protection, Research, and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. Limits of this authorization.

- a. This permit does not obviate the need to obtain other Federal, State, or local authorization required by law.
- b. This permit does not grant any property rights or exclusive privileges.
- c. This permit does not authorize any injury to the property or rights of others.
- d. This permit does not authorize interference with any existing or proposed Federal project.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

- a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
- b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
- c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
- d. Design or construction deficiencies associated with the permitted work.
- e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

- a. You fail to comply with the terms and conditions of this permit.
- b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).
- c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General Condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

Kevin Eppers
Environmental Manager
Coeur Alaska Inc.

(DATE)

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

FOR (DISTRICT COMMANDER)
Colonel Damon A. Delarosa
Randal P. Vigil
South Branch, Regulatory Division

(DATE)

When the structures or work authorized by this permit are still in existence at the time the property is transferred the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions have the transferee sign and date below.

(TRANSFEE)

(DATE)



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

**Department of Environmental
Conservation**
DIVISION OF WATER

Wastewater Discharge Authorization
Program

June 3, 2021
Coeur Alaska, Inc
Attn: Kevin Eppers
Juneau, AK 99801

555 Cordova Street
Anchorage, Alaska 99501-2617
Main: 907.269.6285
Fax: 907.334.2415
www.dec.alaska.gov/water/wwdp

Re: Coeur Alaska, Plan of Operations Amendment 1 (POA 1) Kensington Mine
POA-2020-00592-M9, Berner's Bay/Lynn Canal

Dear Mr. Eppers:

In accordance with Section 401 of the Federal Clean Water Act of 1977 and provisions of the Alaska Water Quality Standards, the Department of Environmental Conservation (DEC) is issuing the enclosed water quality certification that the discharge from the proposed project will comply with water quality requirements for the placement of dredged and/or fill material in waters of the U.S., including wetlands and streams, associated with the development of the Plan of Operations 1, Kensington Mine.

DEC regulations provide that any person who disagrees with this decision may request an informal review by the Division Director in accordance with 18 AAC 15.185 or an adjudicatory hearing in accordance with 18 AAC 15.195 – 18 AAC 15.340. An informal review request must be delivered to the Director, Division of Water, 555 Cordova Street, Anchorage, AK 99501, within 20 days of the permit decision. Visit <http://dec.alaska.gov/commish/review-guidance/> for information on Administrative Appeals of Department decisions.

An adjudicatory hearing request must be delivered to the Commissioner of the Department of Environmental Conservation, PO Box 111800, Juneau, AK 99811-1800; Location: 410 Willoughby Avenue, Suite 303, Juneau within 30 days of the permit decision. If a hearing is not requested within 30 days, the right to appeal is waived.

By copy of this letter we are advising the U.S. Army Corps of Engineers of our actions and enclosing a copy of the certification for their use.

Sincerely,

A handwritten signature in black ink, appearing to read "James Rypkema".

James Rypkema
Program Manager, Storm Water and Wetlands

Enclosure: 401 Water Quality Certificate

cc: (with encl.)

Randy Vigil, USACE
Dave Casey, HDR, Inc (Agent)
Amy Jensen, EPA R10

Kate Kanouse, ADF&G
USFWS Field Office Juneau
EPA R10, AK Operations

Guy Archibald, SEACC

STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Water Quality Certification

In accordance with Section 401 of the Federal Clean Water Act (CWA) and the Alaska Water Quality Standards (18 AAC 70), a water quality certification is issued to Coeur Alaska, Inc (Attn: Kevin Eppers) 3031 Clinton Drive, Suite 202; Juneau, AK 99801 that the discharge from the proposed project will comply with water quality requirements for the placement of dredged and/or fill material in waters of the U.S. including wetlands and streams in association with the Plan of Operations (POA) 1, Kensington Mine.

A state issued water quality certification is required under Section 401 because the proposed activity will be authorized by a U.S. Army Corps of Engineers permit (POA-2020-00592-M9) and a discharge of pollutants to waters of the U.S. located in the State of Alaska may result from the proposed activity. Public notice of the application for this certification was given as required by 18 AAC 15.180 in the Corps Public Notice POA-2020-00592-M9 posted from January 7, 2021 to February 8, 2021. Comments were received and considered in making the Departments Decision.

Project Description and Location

The applicant's stated purpose is to implement Plan of Operations Amendment 1 (POA 1) in order to expand the tailings and waste rock storage capacity to facilitate uninterrupted economic production of ore resources past the year 2023, while continuing to protect the environment, ensure safe operations, and comply with regulatory requirements. POA 1 would extend the life of the mine by a minimum of 10 years.

Coeur Alaska, Inc. (Coeur), as owner and operator of the Kensington Mine (Mine), is applying to the U.S. Army Corps of Engineers (USACE) to modify Department of the Army (DA) permit POA-1990-592-M issued on June 17, 2005, in order to support Coeur's POA 1.

The applicant requests authorization for the proposed discharge of fill material into waters of the U.S. (WOUS), including wetlands, to construct the following proposed POA 1 project components:

- Stage 4 Dam raise and Tailings Treatment Facility (TTF) Expansion (6.1 acres WOUS converted to uplands during construction, before reclamation)
- Kensington waste rock stockpile (WRS) Expansion (0.16 acres of WOUS)
- Pit #4 Expansion (5.36 acres in WOUS)
- Comet WRS Expansion (6.19 areas in WOUS)
- Comet Portal Topsoil Stockpile (1.02 acres in WOUS)
- Pipeline Road WRS (4.45 acres in WOUS), and
- Fish Habitat Mitigation (9.4 WOUS converted to uplands during construction, before reclamation)

POA I would involve the discharge of approximately 5.8 million cubic yards of fill material into 32.68 acres of WOUS, including wetlands. During the operational stage of POA 1, fill material will be discharged into waters of the U.S. (WOUS), including wetlands, in the form of tailings (4 Mt) into the TTF and waste rock (5 Mt) at the WRS sites. Finally, to support the closure of POA 1, fill material will be discharged into WOUS to construct six fish habitat mitigation projects to minimize impacts to fish habitat.

The proposed activity is located within Section 5, 10, 14, 15, 22, 23, 26, and 27, T. 35S., R. 62 E., Copper River Meridian; USGS Quad Map Juneau D-4; Latitude 58.832934° N., Longitude 135.042555° W.; at the Kensington Mine; approximately 45 miles north-northwest of Juneau, Alaska.

It is noted that additional DEC CWA §402 and State wastewater discharge permits issued and applicable in the project location include:

- AK0050571 – APDES – Kensington Gold Mine
- AKR06AA50 – APDES – Kensington Gold Mine Multi-Sector General Permit Authorization for Storm Water Discharges Associated with Industrial Activity
- 2007DB0021 – Jualin Wastewater Treatment Facility
- 2013DB0002 – Kensington Project Waste Management Plan

Antidegradation Analysis Finding

Pursuant to the Department's Antidegradation Policy and Implementation Methods at 18 AAC 70.015 and 18 AAC 70.016, DEC finds that the project would comply with the requirements for Tiers 1 and 2 regarding water quality impacts to receiving water immediately surrounding the dredge or fill material pursuant to the Corps evaluation and findings of no significant degradation under 33 U.S.C. 1344 and under 40 CFR 230. Permit requirements and use of appropriate best management practices and erosion and sediment control measures would adequately protect the existing water uses and the level of water quality. Any potential water quality degradation is expected to be temporary and limited and necessary to accommodate important social and/or economic development in the area.

Conditions Necessary to Ensure Compliance with Water Quality Standards or Other Appropriate Water Quality Requirements of State Law

The Department of Environmental Conservation (DEC) reviewed the application and certifies that there is reasonable assurance that the proposed activity, as well as any discharge which may result, will comply with applicable provisions of Section 401 of the CWA and the Alaska Water Quality Standards, 18 AAC 70, provided that the following additional measures are adhered to.

Pursuant to 18 AAC 70.020(a) and the Toxics and Other Deleterious Organic and Inorganic Substances in 18 AAC 70.020(b), the following conditions are designed to reduce pollutants from construction activity to ensure compliance with the applicable water quality standards.

Pollutants/Toxics

1. Fuel storage and handling activities for equipment must be sited and conducted so there is no petroleum contamination of the ground, subsurface, or surface waterbodies.
2. During construction, spill response equipment and supplies such as sorbent pads shall be available and used immediately to contain and cleanup oil, fuel, hydraulic fluid, antifreeze, or other pollutant spills. Any spill amount must be reported in accordance with Discharge Notification and Reporting Requirements (AS 46.03.755 and 18 AAC 75 Article 3). The applicant must contact by telephone the DEC Area Response Team for Southeast Alaska (907) 465-5340 during work hours or 1-800-478-9300 after hours. Also, the applicant must contact by telephone the National Response Center at 1-800-424-8802.
3. Construction equipment shall not be operated below the ordinary high-water mark if equipment is leaking fuel, oil, hydraulic fluid, or any other hazardous material. Equipment shall be inspected daily for leaks. If leaks are found, the equipment shall not be used and pulled from service until the leak is repaired.

Turbidity, Erosion and Sediment Control

4. Excavated or fill material, including overburden, shall be placed so that it is stable, meaning after placement the material does not show signs of excessive erosion. Indicators of excess erosion include gullyng, head cutting, caving, block slippage, material sloughing, etc. The material must be contained with siltation best management practices (BMPs) to preclude reentry into any waters of the U.S., which includes wetlands.

5. Include the following BMPs to handle storm water and total storm water volume discharges as they apply to the site:
 - a. Divert storm water from off-site around the site so that it does not flow onto the project site and cause erosion of exposed soils;
 - b. Slow down or contain storm water that may collect and concentrate within a site and cause erosion of exposed soils;
 - c. Place velocity dissipation devices (e.g., check dams, sediment traps, or riprap) along the length of any conveyance channel to provide a non-erosive flow velocity. Also place velocity dissipation devices where discharges from the conveyance channel or structure join a water course to prevent erosion and to protect the channel embankment, outlet, adjacent stream bank slopes, and downstream waters.

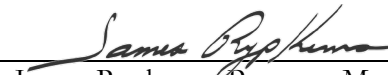
Vegetation Protection and Restoration

6. Any disturbed ground and exposed soil not covered with fill must be stabilized and re-vegetated with endemic species, grasses, or other suitable vegetation in an appropriate manner to minimize erosion and sedimentation, so that a durable vegetative cover is established in a timely manner.

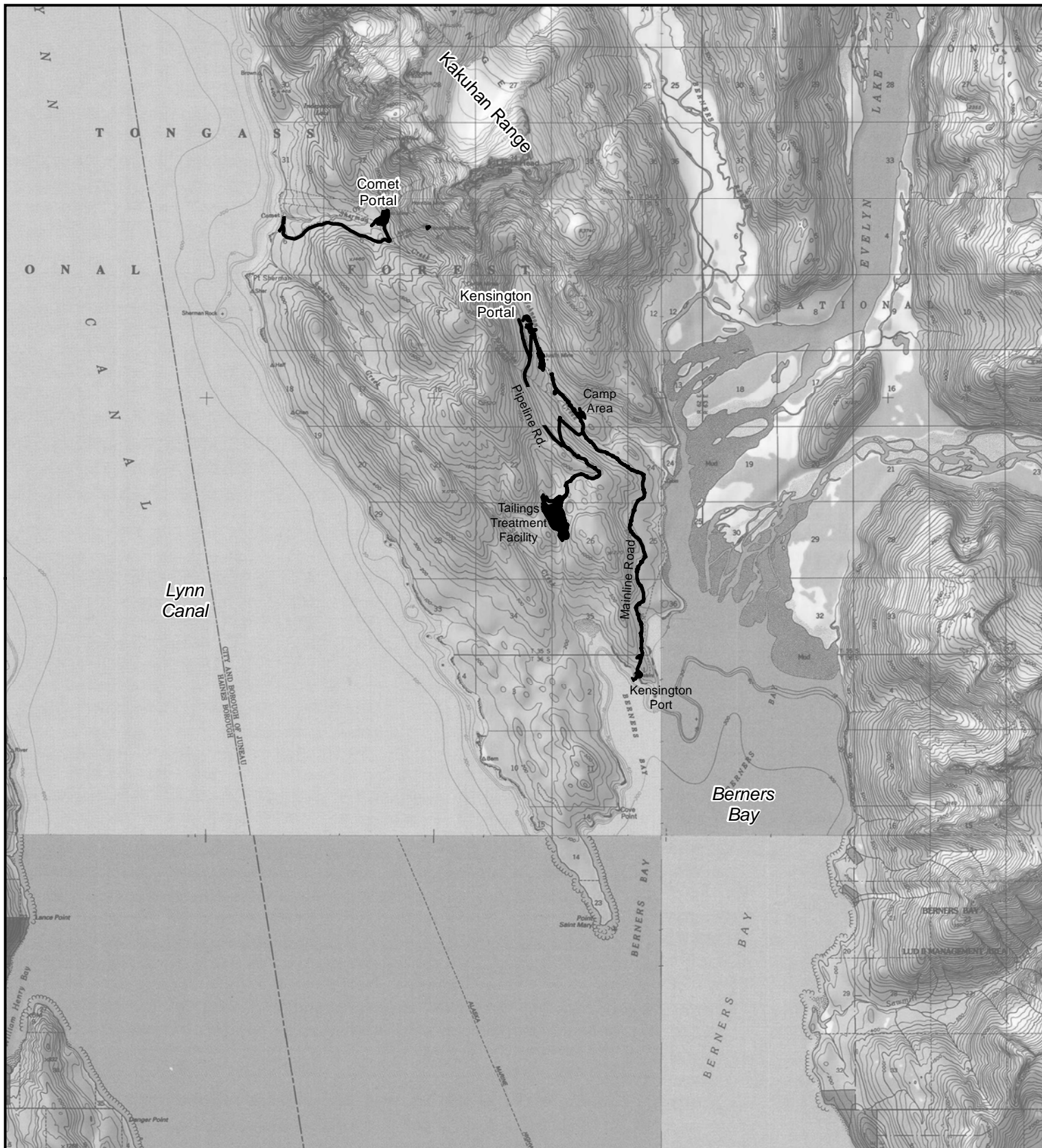
General

7. DEC coordinates with several regulatory programs to review the impacts of mining operations. A Section 401 Certification does not release the applicant from obtaining all necessary federal, state, and local permits, nor does it limit more restrictive requirements set through any such program. It does not eliminate, waive, or vary the applicant's obligation to comply with all state water statutes and rules through construction, installation, and operation of the project or mitigation, including, but not limited to the APDES permitting program 18 AAC 83 and 18 AAC 72.
8. USACE has stated that projects shall be reviewed under the federal rules in place at the time the application is received. This project and its mitigation were reviewed under the federal and state statutes and laws in place at the time the application was received. If the USACE determines any part or condition of this Certification is not lawful or is waived and unenforceable, the determination shall apply only to the part or condition so determined. The determination shall not apply to nor invalidate any remaining parts or conditions of this Certification. If the USACE makes such a determination, the applicant remains responsible for meeting state water quality statutes and rules, and if a violation occurs, may be subject to state enforcement (18 AAC 70.010).
9. This Certification does not release the applicant from any liability, penalty, or duty imposed by Alaska or federal statutes, regulations, rules or local ordinances, and it does not convey a property right or an exclusive privilege.
10. If your project is not completed by the time limit specified under USACE Permit and will continue, or for a modification of the USACE permit, you must submit an application for renewal of this certification at least 60 days before the expiration date or any deadline established by USACE for certification action on the modification, or 60 days before the proposed effective date of the modification, whichever is sooner. (18 AAC 15.120(b), 18 AAC 15.130, 18 AAC 15.180).

Date: June 3, 2021



James Rypkema, Program Manager
Storm Water and Wetlands



Vicinity Map

Kensington Mine
Coeur Alaska, Inc.

Proposed Plan of Operations Amendment 1

 Existing Mine Footprint



0 0.5 1
Miles

HORIZONTAL DATUM:
NAD 1983, State Plane Zone 4



APPLICANT: Coeur Alaska, Inc.

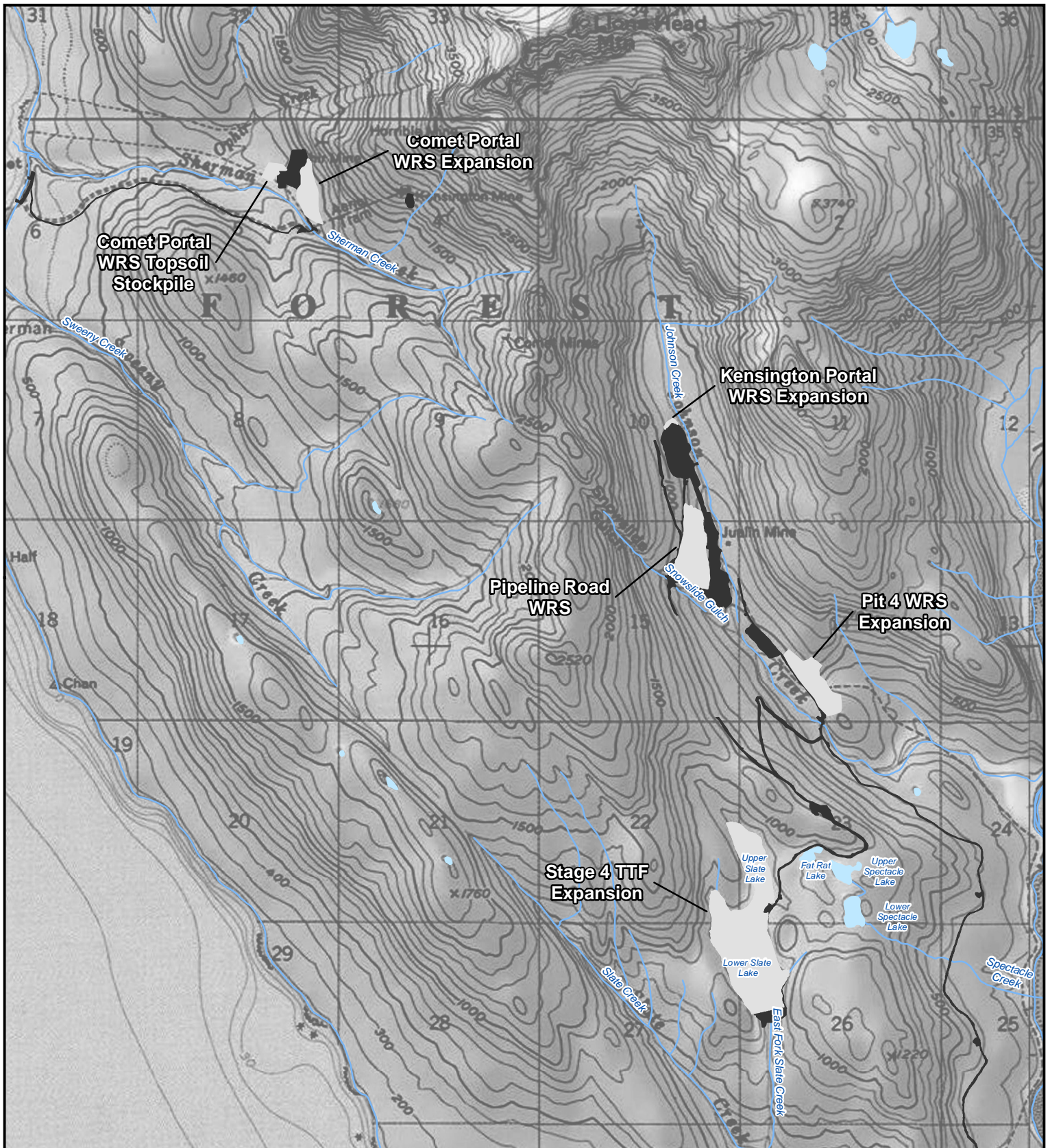
FILE NO: POA-1990-592-M

WATERWAY: Johnson, Slate, and Sherman
Creeks

LOCATION: Copper River Meridian: T35S,
R62E, S22,23,27,26

SHEET 1

DATE: Oct 12, 2020



Proposed POA 1 Overview - Plan View

Kensington Mine
Coeur Alaska, Inc.

Proposed Plan of Operations Amendment 1

- Existing Mine Footprint
- POA 1 Components
- NHD Rivers/Streams
- NHD Lake



0 0.25 0.5
Miles
HORIZONTAL DATUM:
NAD 1983, State Plane Zone 4



APPLICANT: Coeur Alaska, Inc.

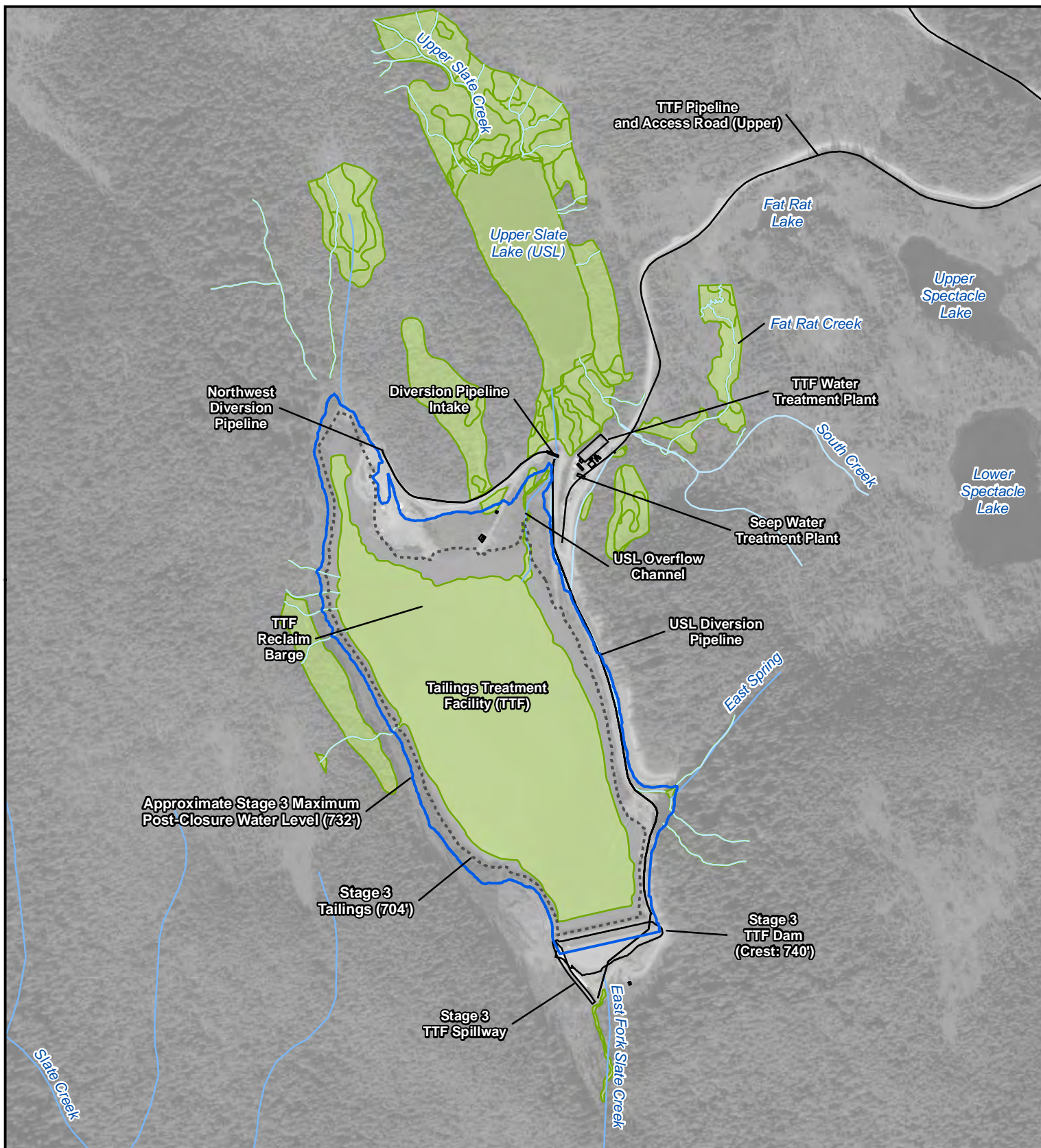
FILE NO: POA-1990-592-M

WATERWAY: Johnson, Slate, and Sherman
Creeks

LOCATION: Copper River Meridian: T35S,
R62E, S22,23,27,26

SHEET 2

DATE: Oct 12, 2020



Previously Permitted Stage 3 TTF - Plan View

Kensington Mine
Coeur Alaska, Inc.

- Existing Surface Features
- Approximate Stage 3 post-closure water level
- Stage 3 Tailings Limit
- Wetlands and Waters of the US (HDR 2019)
- Mapped Streams (HDR 2019)
- NHD Streams

0 300 600 Feet
HORIZONTAL DATUM:
NAD 1983, State Plane Zone 4



APPLICANT: Coeur Alaska, Inc.

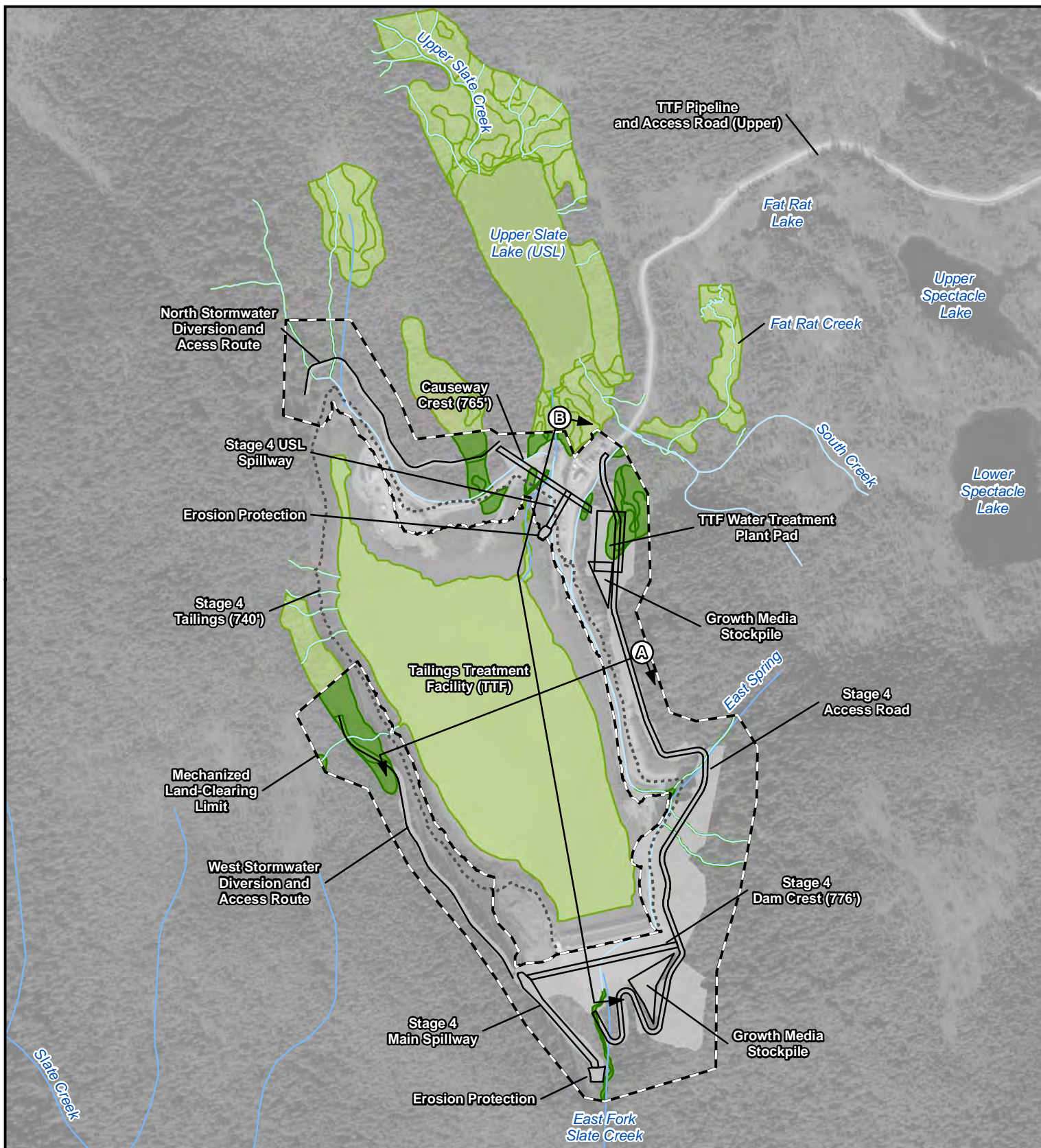
FILE NO: POA-1990-592-M

WATERWAY: Slate Creek

LOCATION: Copper River Meridian: T35S, R62E, S22,23,27,26

SHEET 3

DATE: Oct 12, 2020



Proposed Stage 4 TTF Expansion - Construction

Kensington Mine
Coeur Alaska, Inc.



0 300 600
Feet

HORIZONTAL DATUM:
NAD 1983, State Plane Zone 4

- Stage 4 TTF Expansion Components
- - - Stage 4 Tailings Limit
- - - Stage 3 Tailings Limit
- - - Mechanized Land Clearing Limits
- Proposed Project Fill Areas
- ◄► Cross Sections

- Wetlands and Waters of the US (HDR 2019)
- Wetlands and Waters of the US Intersected by TTF Expansion
- Mapped Streams (HDR 2019)
- NHD Streams

APPLICANT: Coeur Alaska, Inc.

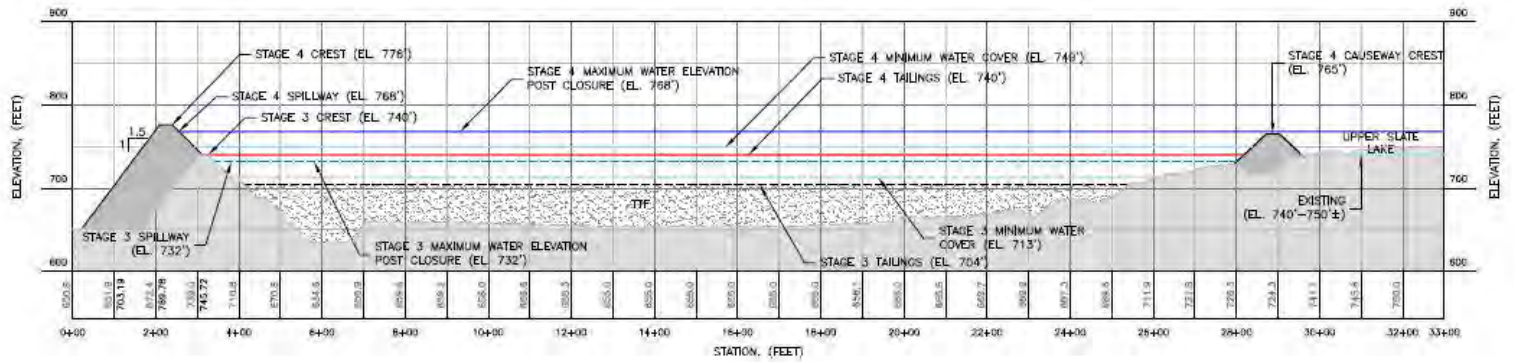
FILE NO: POA-1990-592-M

WATERWAY: Slate Creek

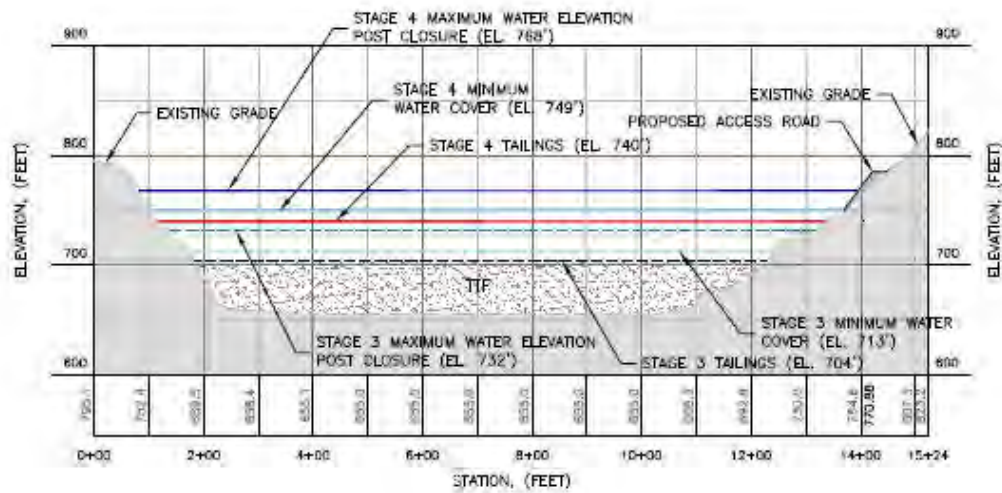
LOCATION: Copper River Meridian:
T35S, R62E, S22,23,27,26

SHEET 4

DATE: Oct, 12 2020



A 4.2 - TYPICAL FACILITY LONGITUDINAL SECTION



B 4.2 - TYPICAL FACILITY CROSS SECTION

NOTES:

1. OPERATIONAL WATER DEPTH IS 9' PLUS THE 200-YR/24-HR STORM EVENT OF APPROXIMATELY 25M CUBIC FEET. AT THE END OF STAGE 4 OPERATIONS THE OPERATIONAL WATER LEVEL WILL BE AT AN ELEVATION OF 757'.
2. DURING THE POST CLOSURE PERIOD THE WATER SURFACE WILL BE 3 FEET ABOVE THE CAUSEWAY CREST.

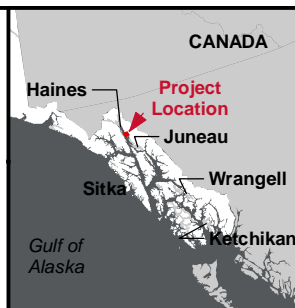
Proposed Stage 4 TTF Expansion - Cross Sections

Kensington Mine
Coeur Alaska, Inc.

Proposed Plan of Operations Amendment 1

KEY:

- STAGE 3 TAILINGS
- STAGE 4 MAXIMUM TAILINGS LEVEL
- STAGE 4 MAXIMUM WATER LEVEL
- STAGE 4 MINIMUM WATER LEVEL
- POST STAGE 3 CONSTRUCTION
- PROPOSED TTF EXPANSION
- STAGE 3 MAXIMUM WATER ELEVATION
- STAGE 3 MINIMUM WATER ELEVATION
- STAGE 3 TAILINGS MAXIMUM ELEVATION



APPLICANT: Coeur Alaska, Inc.

FILE NO: POA-1990-592-M

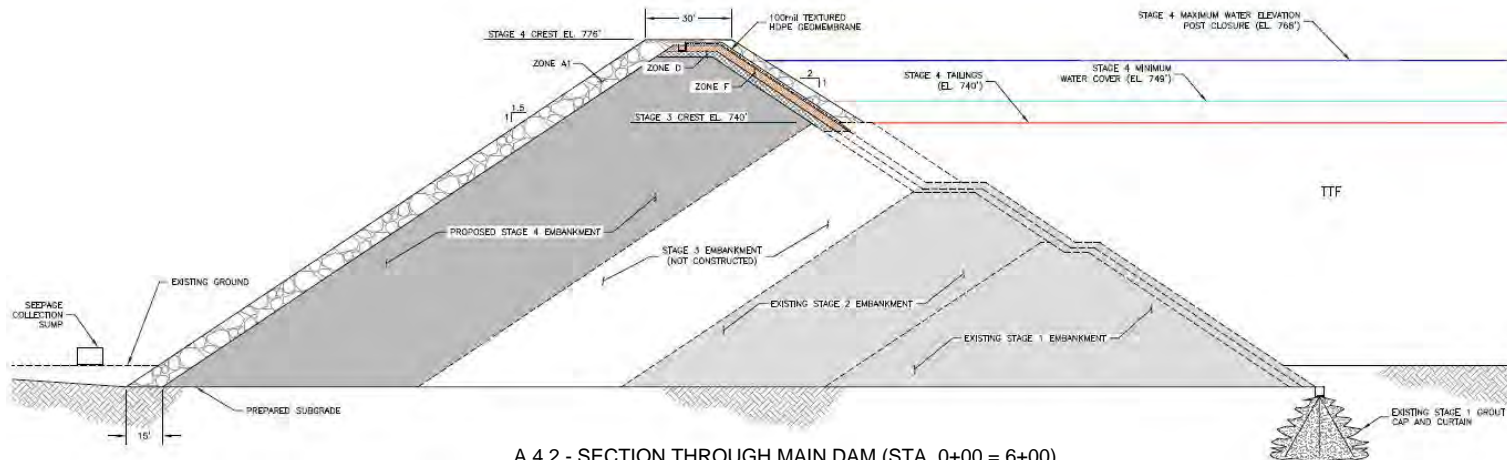
WATERWAY: Johnson, Slate, and Sherman Creeks

LOCATION: Copper River Meridian: T35S, R62E, S22,23,27,26

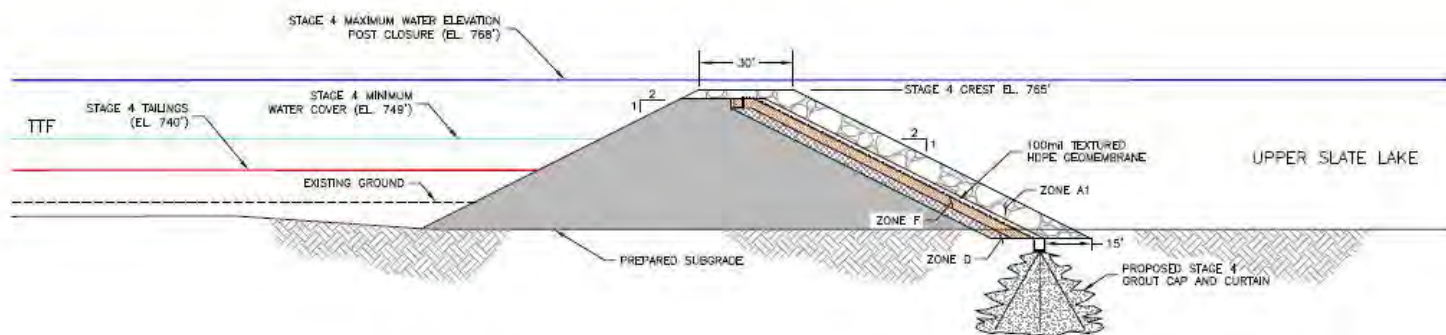
SHEET 5

DATE: Oct 12, 2020

HORIZONTAL DATUM:
NAD 1983, State Plane Zone 4



A 4.2 - SECTION THROUGH MAIN DAM (STA. 0+00 = 6+00)



A 4.2 - SECTION THROUGH CAUSEWAY (STA. 26+50 - 31+00)

Proposed Stage 4 TTF Expansion -
Dam and Causeway Cross Sections

Kensington Mine
Coeur Alaska, Inc.

Proposed Plan of Operations Amendment 1

HORIZONTAL DATUM:
NAD 1983, State Plane Zone 4

KEY:

- STAGE 4 MAXIMUM TAILINGS LEVEL
- STAGE 4 MAXIMUM WATER LEVEL
- STAGE 4 MINIMUM WATER LEVEL
- EXISTING GROUND
- EXISTING EMBANKMENTS
- PROPOSED TTF EXPANSION
- PROPOSED DRAIN FILL
- PROPOSED FILTER FILL
- PROPOSED COARSE WASTE ROCK MATERIAL FILL
- GROUT



APPLICANT: Coeur Alaska, Inc.

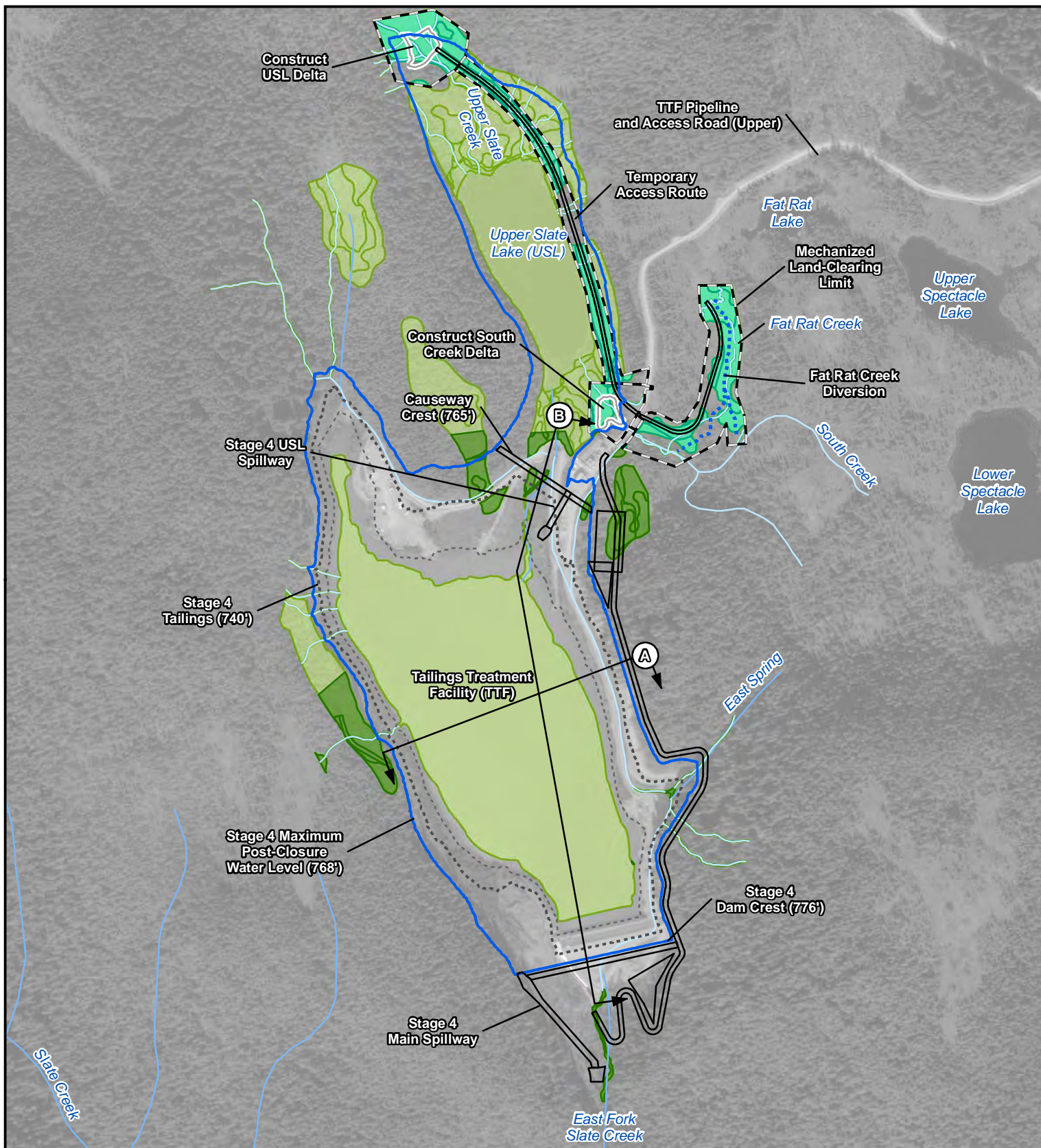
FILE NO: POA-1990-592-M

WATERWAY: Johnson, Slate, and Sherman
Creeks

LOCATION: Copper River Meridian: T35S,
R62E, S22,23,27,26

SHEET 6

DATE: Oct 12, 2020



Proposed Stage 4 TTF - Closure & Post-Closure

Kensington Mine
Coeur Alaska, Inc.



0 300 600
Feet
HORIZONTAL DATUM:
NAD 1983, State Plane Zone 4

— Stage 4 TTF Expansion Components

□ Stage 4 Post-Closure Water Limit

□ Stage 4 Tailings Limit

□ Stage 3 Tailings Limit

□ Fish Habitat Mechanized Land Clearing Limits

□ Fat Rat Creek Diversion

◄► Cross Sections

□ Wetlands and Waters of the US (HDR 2019)

□ Wetlands and Waters of the US Intersected by TTF Expansion

□ Wetlands and Waters of the US Intersected by Fish Habitat Mitigation

— Mapped Streams (HDR 2019)

— NHD Streams

APPLICANT: Coeur Alaska, Inc.

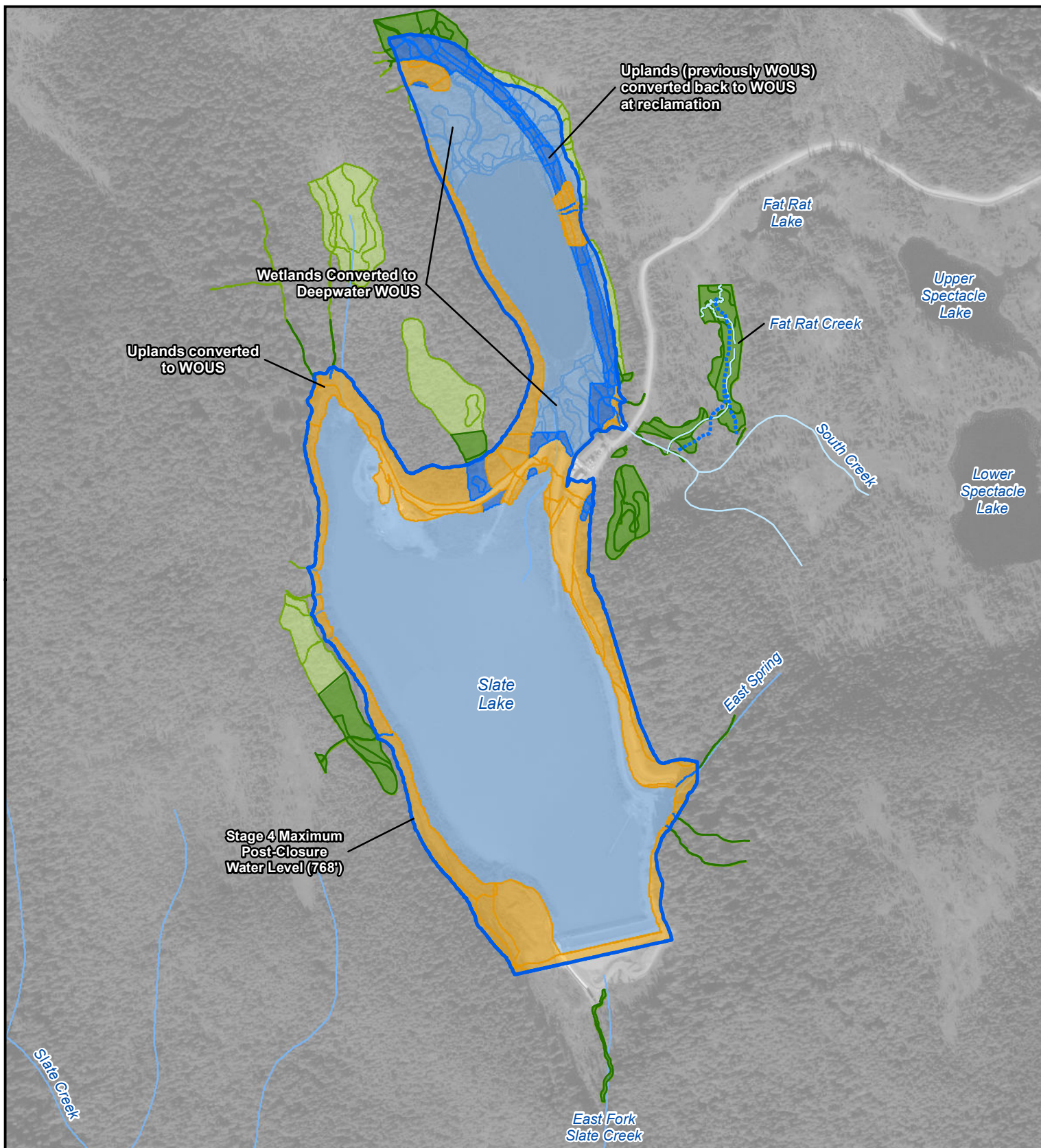
FILE NO: POA-1990-592-M

WATERWAY: Slate Creek

LOCATION: Copper River Meridian: T35S, R62E, S22,23,27,26

SHEET 7

DATE: Oct 12, 2020



Proposed Stage 4 TTF - Reclamation

Kensington Mine
Coeur Alaska, Inc.



0 300 600
Feet

HORIZONTAL DATUM:
NAD 1983, State Plane Zone 4

- Stage 4 Post-Closure Water Level
- Fat Rat Creek Diversion
- Mapped Streams (HDR 2019)
- NHD Streams

- Uplands to WOUS between 732 and 768'
- Uplands (previously WOUS), converted back to WOUS
- Wetlands and Waters of the US Below 768'
- Wetlands and Waters of the US Above 768' (HDR 2019)
- Wetlands and Waters of the US Intersected by TTF Expansion and Fish Mitigation Above 768'

APPLICANT: Coeur Alaska, Inc.

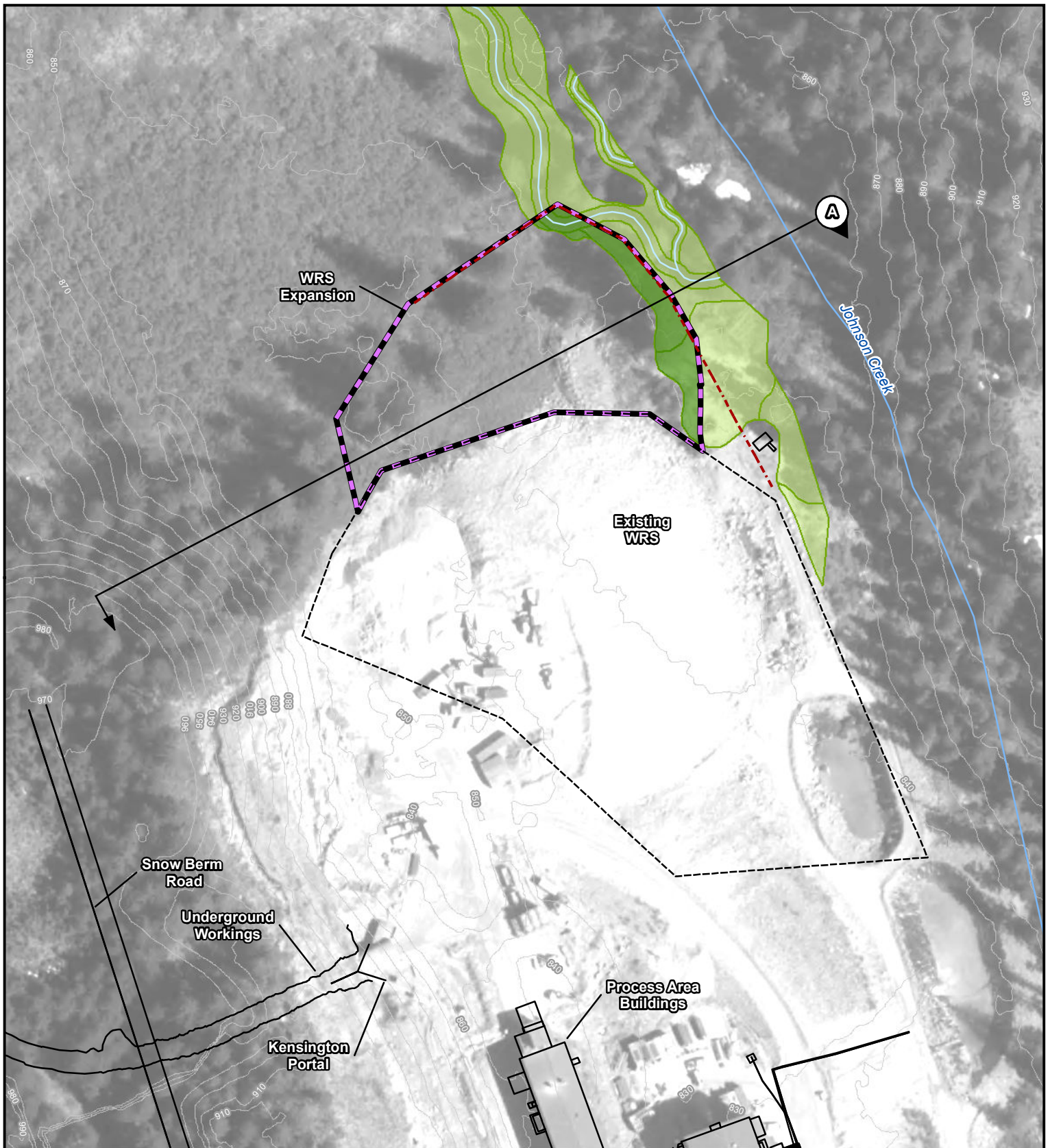
FILE NO: POA-1990-592-M

WATERWAY: Slate Creek

LOCATION: Copper River Meridian: T35S, R62E, S22,23,27,26

SHEET 8

DATE: Oct 12, 2020



Proposed Kensington WRS Expansion - Plan View

Kensington Mine
Coeur Alaska, Inc.

Proposed Plan of Operations
Amendment 1



0 50 100 Feet
HORIZONTAL DATUM:
NAD 1983, State Plane Zone 4

- Kensington WRS Site Expansion
- Existing WRS Outline
- Silt Fence
- Existing Surface Features
- Cross Sections
- Wetlands and Waters of the US (HDR 2019)
- Wetlands and Waters of the US Intersected by the Project
- Mapped Streams (HDR 2019)
- NHD Streams



APPLICANT: Coeur Alaska, Inc.

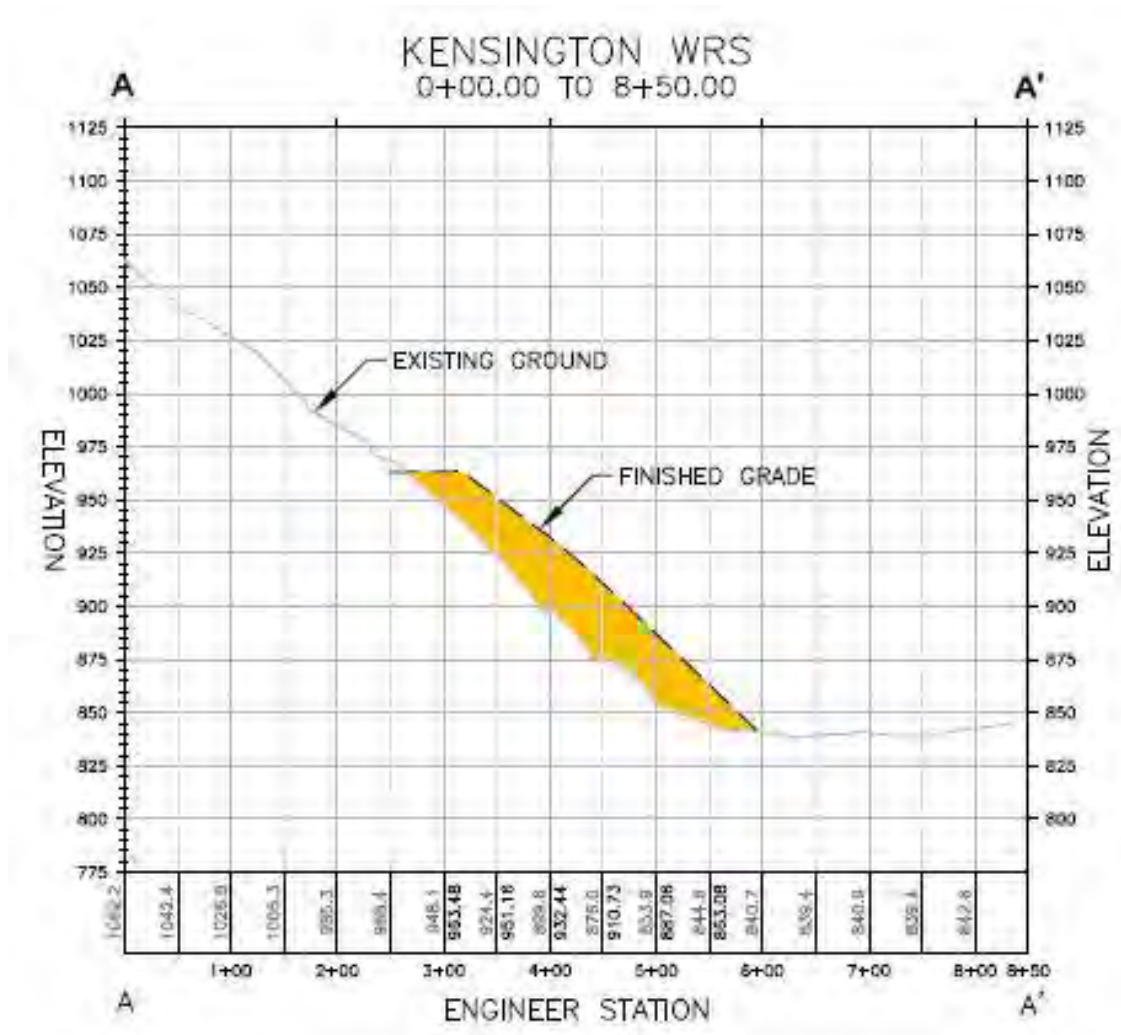
FILE NO: POA-1990-592-M

WATERWAY: Johnson Creek

LOCATION: Copper River Meridian:
T35S, R62E, S10

SHEET 9

DATE: Oct 12, 2020

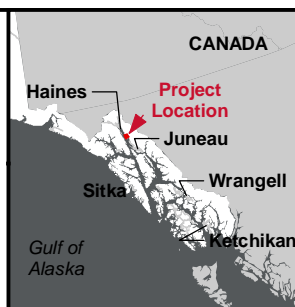
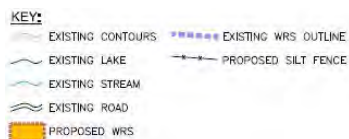


Proposed Kensington WRS Expansion - Typical Cross Section

Kensington Mine
Coeur Alaska, Inc.

Proposed Plan of Operations
Amendment 1

HORIZONTAL DATUM:
NAD 1983, State Plane Zone 4



APPLICANT: Coeur Alaska, Inc.

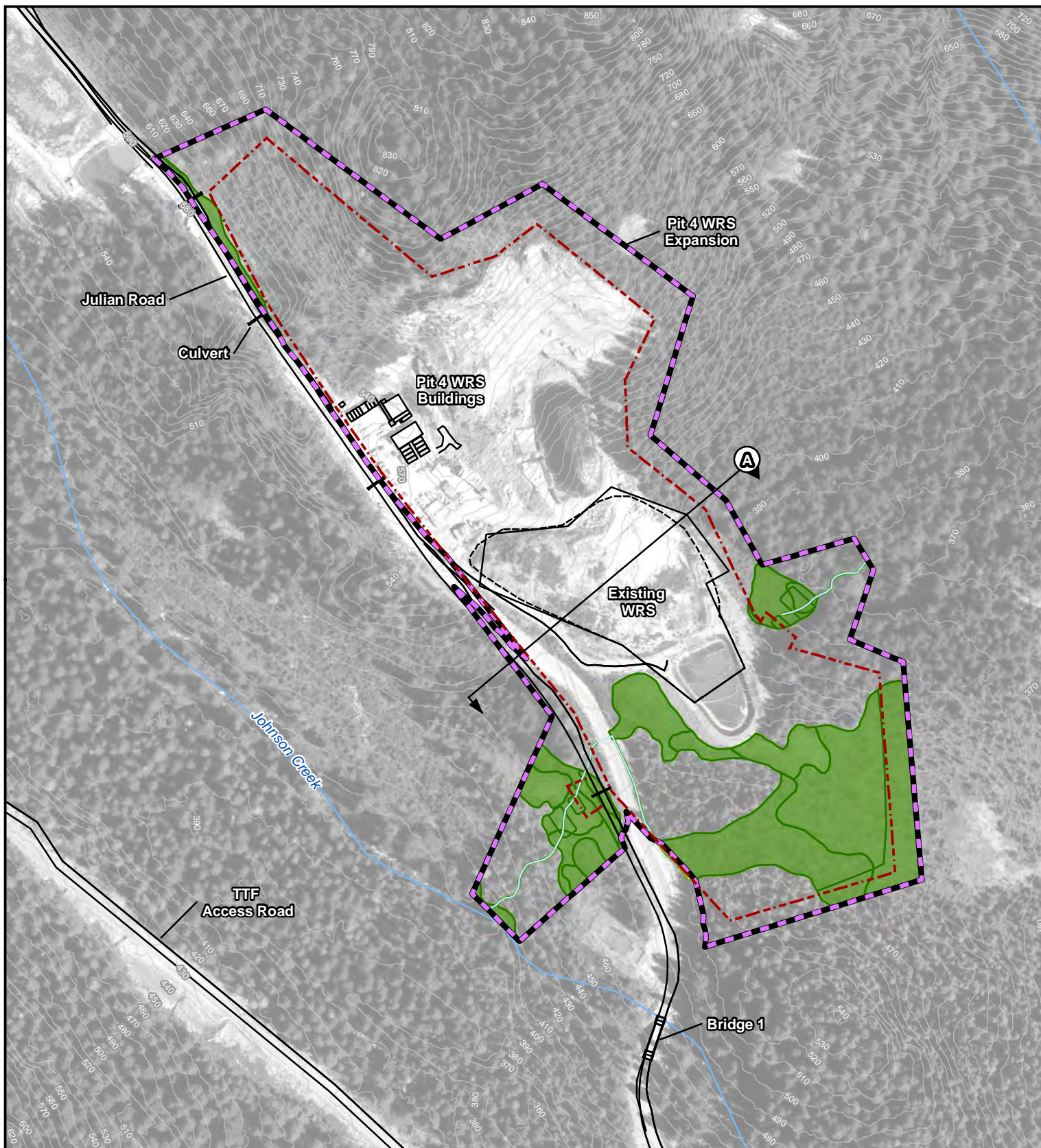
FILE NO: POA-1990-592-M

WATERWAY: Johnson Creek

LOCATION: Copper River Meridian: T35S,
R62E, S10

SHEET 10

DATE: Oct 12, 2020



Proposed Pit 4 WRS Expansion - Plan View

Kensington Mine
Coeur Alaska, Inc.

Proposed Plan of Operations
Amendment 1



0 100 200
Feet

HORIZONTAL DATUM:
NAD 1983, State Plane Zone 4

- Pit 4 WRS Site Expansion
- Existing Pit 4 WRS
- Silt Fence
- Existing Surface Features
- Cross Sections
- Wetlands and Waters of the US (HDR 2019)
- Wetlands and Waters of the US Intersected by the Project
- Mapped Streams (HDR 2019)
- NHD Streams



APPLICANT: Coeur Alaska, Inc.

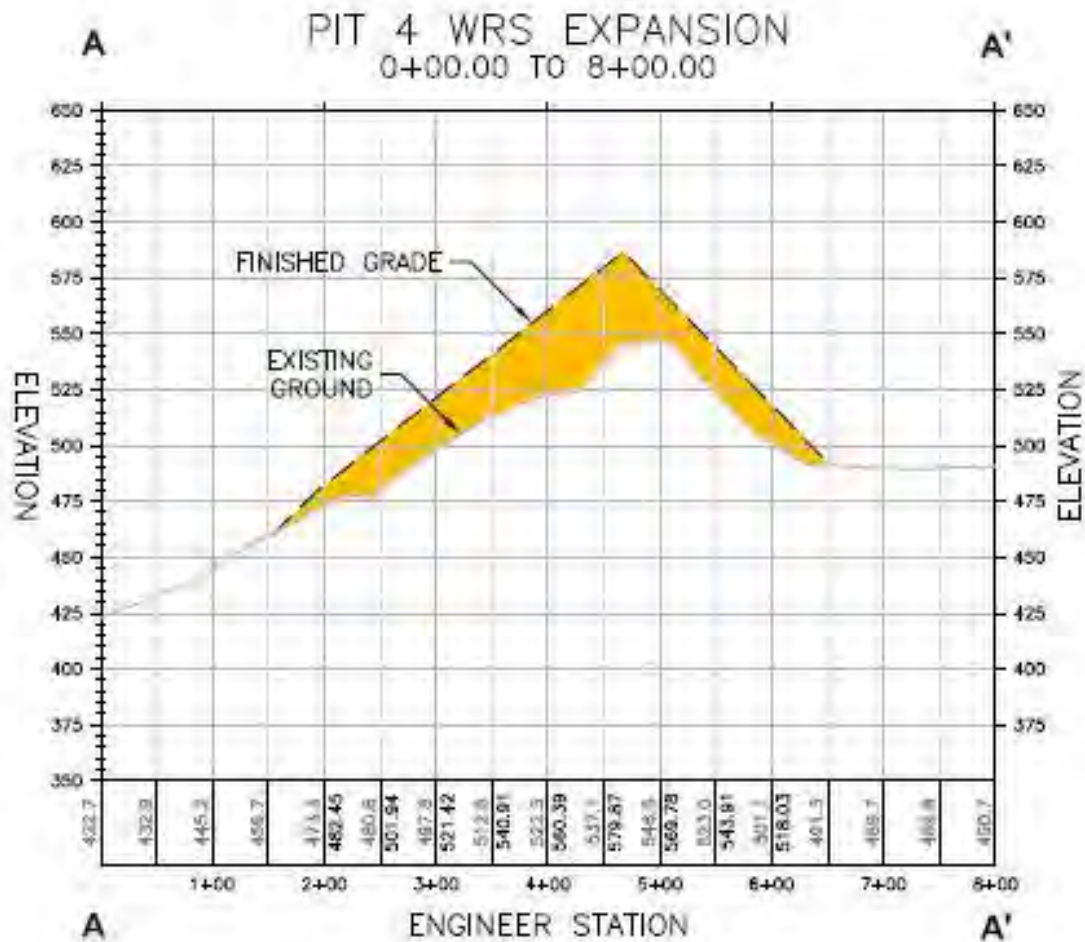
FILE NO: POA-1990-592-M

WATERWAY: Johnson Creek

LOCATION: Copper River Meridian:
T35S, R62E, S10

SHEET 11

DATE: Oct 12, 2020

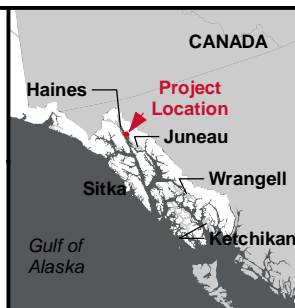


Proposed Pit 4 WRS Expansion - Typical Cross Section

Kensington Mine
Coeur Alaska, Inc.

Proposed Plan of Operations
Amendment 1

HORIZONTAL DATUM:
NAD 1983, State Plane Zone 4



APPLICANT: Coeur Alaska, Inc.

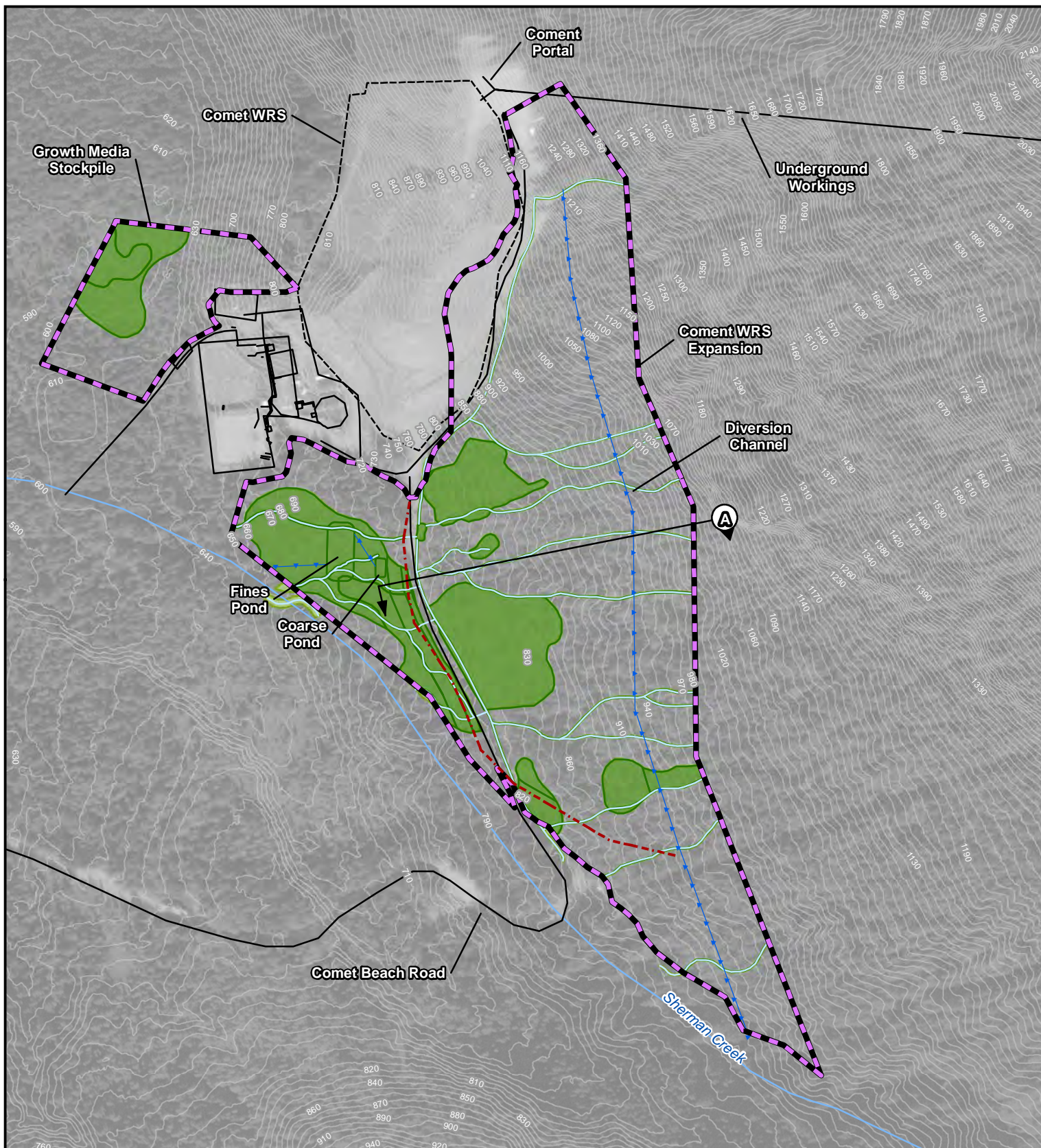
FILE NO: POA-1990-592-M

WATERWAY: Johnson Creek

LOCATION: Copper River Meridian: T35S,
R62E, S10

SHEET 12

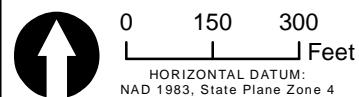
DATE: Oct 12, 2020



Proposed Comet WRS Expansion - Plan View

Kensington Mine
Coeur Alaska, Inc.

Proposed Plan of Operations Amendment 1



- Comet WRS Site Expansion
- Existing WRS Outline
- Silt Fence
- Existing Surface Features
- Proposed Channel
- Cross Sections
- Wetlands and Waters of the US (HDR 2019)
- Wetlands and Waters of the US Intersected by the Project
- Mapped Streams (HDR 2019)
- NHD Streams



APPLICANT: Coeur Alaska, Inc.

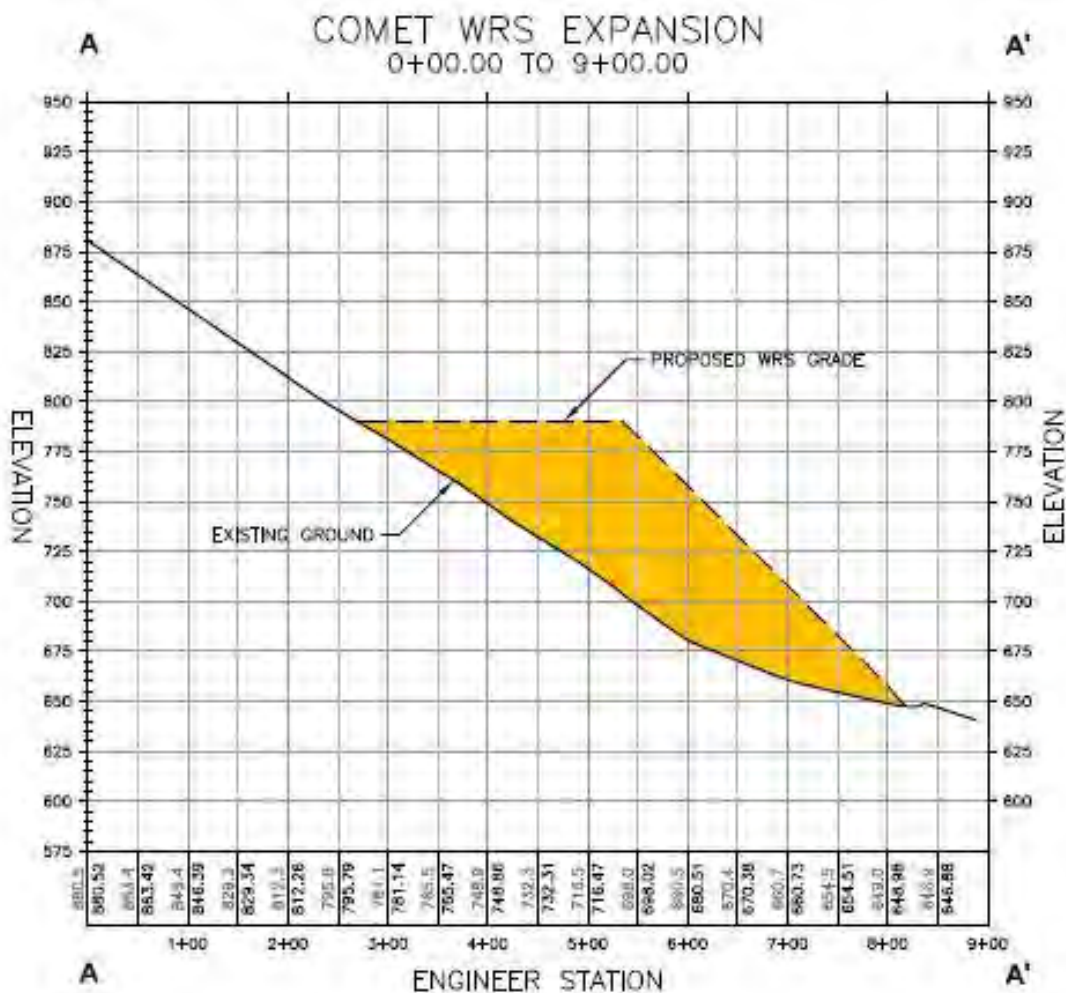
FILE NO: POA-1990-592-M

WATERWAY: Sherman Creek

LOCATION: Copper River Meridian:
T35S, R62E, S4,5

SHEET 13

DATE: Oct 12, 2020



Proposed Comet WRS Expansion - Typical Cross Section

Kensington Mine
Coeur Alaska, Inc.

Proposed Plan of Operations
Amendment 1

HORIZONTAL DATUM:
NAD 1983, State Plane Zone 4



APPLICANT: Coeur Alaska, Inc.

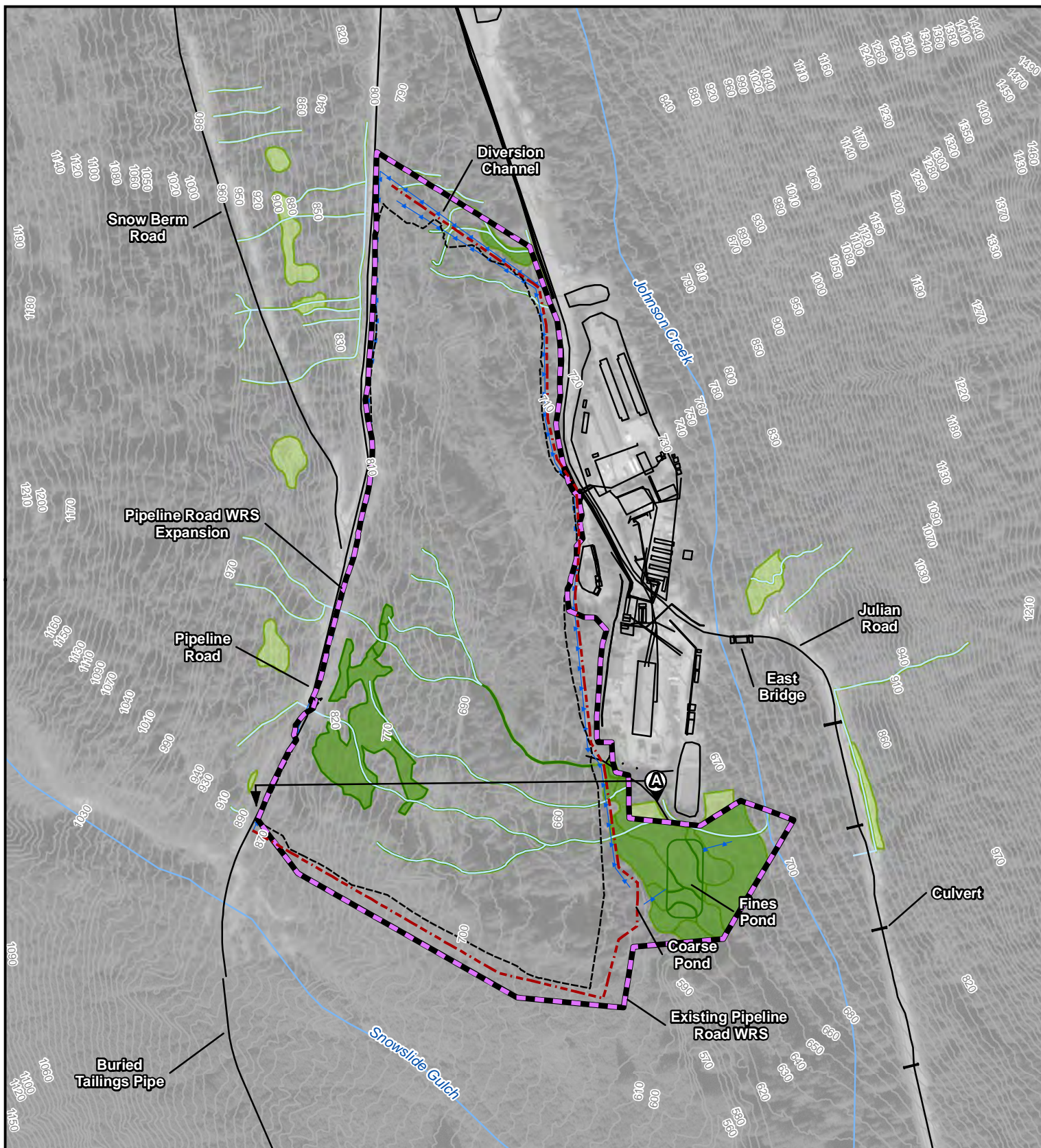
FILE NO: POA-1990-592-M

WATERWAY: Sherman Creek

LOCATION: Copper River Meridian: T35S,
R62E, S4,5

SHEET 14

DATE: Oct 12, 2020



Proposed Pipeline Road WRS Expansion - Plan View

Kensington Mine
Coeur Alaska, Inc.

Proposed Plan of Operations
Amendment 1



0 150 300
Feet
HORIZONTAL DATUM:
NAD 1983, State Plane Zone 4

- Pipeline Road WRS Site
- Silt Fence
- Existing Surface Features
- Proposed Channel
- Cross Sections
- Wetlands and Waters of the US (HDR 2019)
- Wetlands and Waters of the US Intersected by the Project
- Mapped Streams (HDR 2019)
- NHD Streams



APPLICANT: Coeur Alaska, Inc.

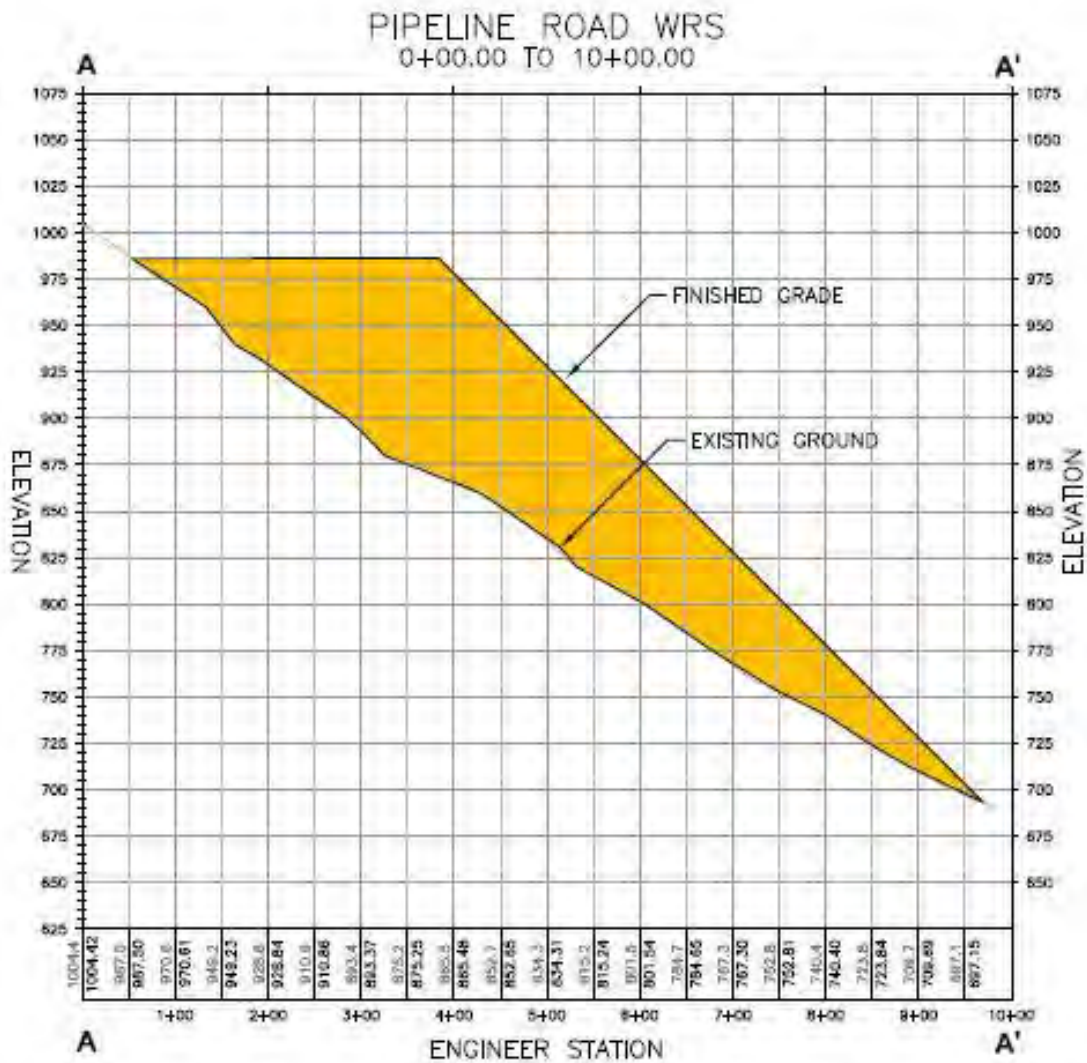
FILE NO: POA-1990-592-M

WATERWAY: Johnson Creek

LOCATION: Copper River Meridian:
T35S, R62E, S10,11,14,15

SHEET 15

DATE: Oct 12, 2020



Proposed Pipeline Road WRS Expansion -
Typical Cross Section

Kensington Mine
Coeur Alaska, Inc.

Proposed Plan of Operations
Amendment 1

HORIZONTAL DATUM:
NAD 1983, State Plane Zone 4



APPLICANT: Coeur Alaska, Inc.

FILE NO: POA-1990-592-M

WATERWAY: Johnson Creek

LOCATION: Copper River Meridian: T35S,
R62E, S10,11,14,15

SHEET 16

DATE: Oct 12, 2020

NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Applicant: Coeur Alaska, Inc. (Kevin Eppers)		File Number: POA-1990-00592-M9	Date: 3/16/2022
Attached is:			See Section below
X	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)		A
	PROFFERED PERMIT (Standard Permit or Letter of permission)		B
	PERMIT DENIAL		C
	APPROVED JURISDICTIONAL DETERMINATION		D
	PRELIMINARY JURISDICTIONAL DETERMINATION		E

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at

http://www.usace.army.mil/CECW/Pages/reg_materials.aspx or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:

Randal Vigil
Alaska District Corps of Engineers
Juneau Regulatory Field Office (CEPOA-RD-SE)
Post Office Box 22270
Juneau, Alaska 99802-2270
(907) 790-4491

If you only have questions regarding the appeal process you may also contact:

Regulatory Program Manager
U.S. Army Corps of Engineers, Pacific Ocean Division
CEPOD-PDC, Bldg 525
Fort Shafter, HI 96858-5440

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

Signature of appellant or agent.

Date:

Telephone number: